



CHAPTER 5

SUPPLY AND DEMAND FOR TRAILS

This chapter provides information describing the supply of trails available in Indiana. The demand for trails is also included in this section so the reader can assess for themselves the ability of the supply of trails in Indiana to meet the demand.

THE INDIANA TRAILS INVENTORY

Many entities at the federal, state and local level work to provide trails in Indiana. In 1993 the Department of Natural Resources conducted a survey of all local park and recreation, federal and DNR agencies to determine the supply of publicly owned and managed trails in Indiana. Since then, DNR has maintained the trails inventory through input from local providers and by mapping trails in house. The DNR Division of Outdoor Recreation, streams and trails section continues to survey trail managing entities and map all open and planned trails in Indiana. This data is maintained in a GIS system within the department. It is available to the public for viewing

on the Web at <http://igs.indiana.edu/arcims/statewide/index.html> through the Indiana Geologic Survey.

This inventory has provided the data used to create the majority of the maps presented in this plan. This system is a work in progress. Since the number of trails in Indiana is growing and more and more people are getting involved in developing trails, individuals who maintain this system are having a hard time keeping up. Nonetheless, this inventory is a valuable tool for trail advocates and managers to use to create more trails, connect trails to destinations and plan for alternative transportation corridors. Trail managers can help keep this tool up to date by keeping the Division of Outdoor Recreation informed about their trails, both developed and planned.

This inventory includes trails that are currently open, under development and planned. Originally, trails included in this inventory were at least ½ mile in length. However as trail entities grow more sophisticated in the way they manage and map their trails, trails mapped by the local entities have been incorporated regardless of





SUPPLY AND DEMAND FOR TRAILS

Indiana Trails Inventory categorized by county and use

County Name	Hiking Trails	Equestrian Trails	Bicycle Trails	Mountain Bike Trails	Wheelchair Accessible Trails	Nordic Ski Trails	Water Trails	Snowmobile Trails	Total for all Trails in County
	# of Trails / # of Trail Miles								
Adams	4/2.7	0/0	0/0	1/1.1	3/1.6	0/0	0/0	0/0	4/2.7
Allen	12/38.17	0/0	12/38.17	0/0	12/38.17	2/12.2	0/0	1/25.4	13/63.57
Bartholomew	4/26.65	0/0	4/26.65	0/0	4/26.65	0/0	0/0	0/0	4/26.65
Benton	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Blackford	1/8.6	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/8.6
Boone	10/20.1	0/0	7/15.75	2/1.25	7/15.75	1/2.0	0/0	0/0	10/20.1
Brown	37/97.6	33/100.9	0/0	2/10.1	4/1.1	0/0	0/0	0/0	61/165.9
Carroll	12/11.6	0/0	11/10.9	1/0.7	0/0	12/11.6	1/25.8	0/0	13/37.4
Cass	3/17.5	0/0	3/7.5	0/0	3/7.5	1/1.3	0/0	0/0	3/18.0
Clark	25/56	3/65.4	8/20.4	5/7.9	8/18.75	0/0	1/4.0	0/0	30/125.9
Clay	3/2.25	0/0	0/0	0/0	0/0	0/0	0/0	0/0	3/2.25
Clinton	1/0.8	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/0.8
Crawford	6/24.5	3/33.8	2/2.4	2/19.6	2/2.4	1/1.8	0/0	0/0	7/38.7
Daviess	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Dearborn	2/2.0	0/0	2/2.0	0/0	2/2.0	0/0	0/0	0/0	2/2.0
Decatur	1/1.7	0/0	1/1.7	0/0	1/1.7	0/0	0/0	0/0	1/1.7
DeKalb	3/4.4	0/0	2/4.1	0/0	3/4.4	0/0	0/0	0/0	3/4.4
Delaware	6/28.95	1/10.3	6/28.95	0/0	6/28.95	2/22.7	0/0	0/0	7/39.25
Dubois	13/31.1	1/2.4	5/13.4	6/11.2	6/15.4	1/0.1	0/0	0/0	14/33.1
Elkhart	21/61.5	1/10.9	11/35.7	5/17.2	10/34.45	8/31.85	1/25.7	2/62.75	25/151.2
Fayette	3/12.3	0/0	1/11.0	0/0	1/11.0	0/0	0/0	0/0	3/12.3
Floyd	8/12.9	0/0	8/12.9	0/0	7/12.0	0/0	0/0	0/0	8/12.9
Fountain	7/7.3	0/0	3/5.2	0/0	4/5.7	0/0	0/0	0/0	7/7.3
Franklin	13/38.95	0/0	1/3.8	4/11.0	1/0.7	0/0	0/0	0/0	13/38.95
Fulton	1/5.3	0/0	1/5.3	0/0	1/5.3	0/0	0/0	0/0	1/5.3
Gibson	1/0.7	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/0.7
Grant	6/19.95	1/3.0	9/19.95	0/0	6/19.95	2/10.6	0/0	0/0	6/19.95
Greene	7/17.6	3/5.2	0/0	1/8.0	0/0	0/0	0/0	0/0	7/17.6
Hamilton	69/201.9	0/0	65/194	2/4.4	66/197.5	1/2.5	0/0	0/0	69/201.9
Hancock	2/6.92	0/0	2/6.92	0/0	2/6.92	1/3.0	0/0	0/0	2/6.92
Harrison	17/44.8	12/75.3	7/5.3	0/0	7/5.3	0/0	1/43.7	0/0	30/163.8
Hendricks	27/64.55	1/20.0	23/60.15	0/0	24/60.65	1/20.0	0/0	0/0	27/64.55
Henry	11/33.25	0/0	5/28.0	0/0	5/28.0	1/3.0	0/0	0/0	11/33.25
Howard	5/7.0	0/0	5/7.0	0/0	5/7.0	0/0	0/0	0/0	5/7.0
Huntington	19/68.8	3/1.3	0/0	2/22.5	0/0	6/11.55	0/0	4/27.5	20/69.3
Jackson	27/63.65	6/39.7	1/1.9	10/38.1	2/2.65	0/0	0/0	0/0	29/76.05
Jasper	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Jay	1/3.1	0/0	1/3.1	0/0	1/3.1	0/0	0/0	0/0	1/3.1
Jefferson	12/16.35	0/0	2/3.25	1/0.5	2/3.25	2/3.25	0/0	0/0	12/16.35
Jennings	9/16.8	0/0	0/0	0/0	0/0	0/0	0/0	0/0	9/16.8
Johnson	9/11.75	5/3.9	8/11.0	0/0	5/9.05	4/2.9	0/0	0/0	9/11.75
Knox	2/6.45	0/0	1/5.75	0/0	2/6.45	0/0	0/0	0/0	2/6.45
Kosciusko	5/22.8	0/0	5/22.8	0/0	5/22.8	0/0	0/0	0/0	5/22.8
LaGrange	4/5.7	1/3.3	1/3.3	0/0	1/3.3	1/3.3	0/0	0/0	4/5.7
Lake	36/107.85	0/0	29/88.95	4/16.0	29/95.55	8/29.7	0/0	0/0	36/107.85
LaPorte	14/16.9	1/3.8	7/9.9	2/4.7	8/10.1	6/7.3	0/0	0/0	14/16.9
Lawrence	8/29.4	1/19.1	0/0	1/19.1	0/0	0/0	0/0	0/0	8/29.4
Madison	5/9.3	0/0	4/8.0	1/1.3	4/8.0	0/0	0/0	0/0	5/9.3
Marion	29/109.73	2/5.1	26/105.3	2/9.3	26/105.3	9/46.83	1/10.32	0/0	129.05
Marshall	3/5.4	0/0	2/5.1	0/0	2/5.1	0/0	0/0	0/0	3/5.4
Martin	5/15.35	0/0	2/4.3	1/6.8	2/4.3	0/0	0/0	0/0	5/15.35
Miami	8/41.2	0/0	4/35.5	0/0	4/35.1	3/5.3	0/0	0/0	8/41.2
Monroe	23/88.64	2/30.6	7/8.39	2/4.6	5/6.49	0/0	0/0	0/0	23/88.64
Montgomery	17/17.4	0/0	6/7.2	0/0	6/7.2	2/3.0	1/2.3	0/0	18/19.7



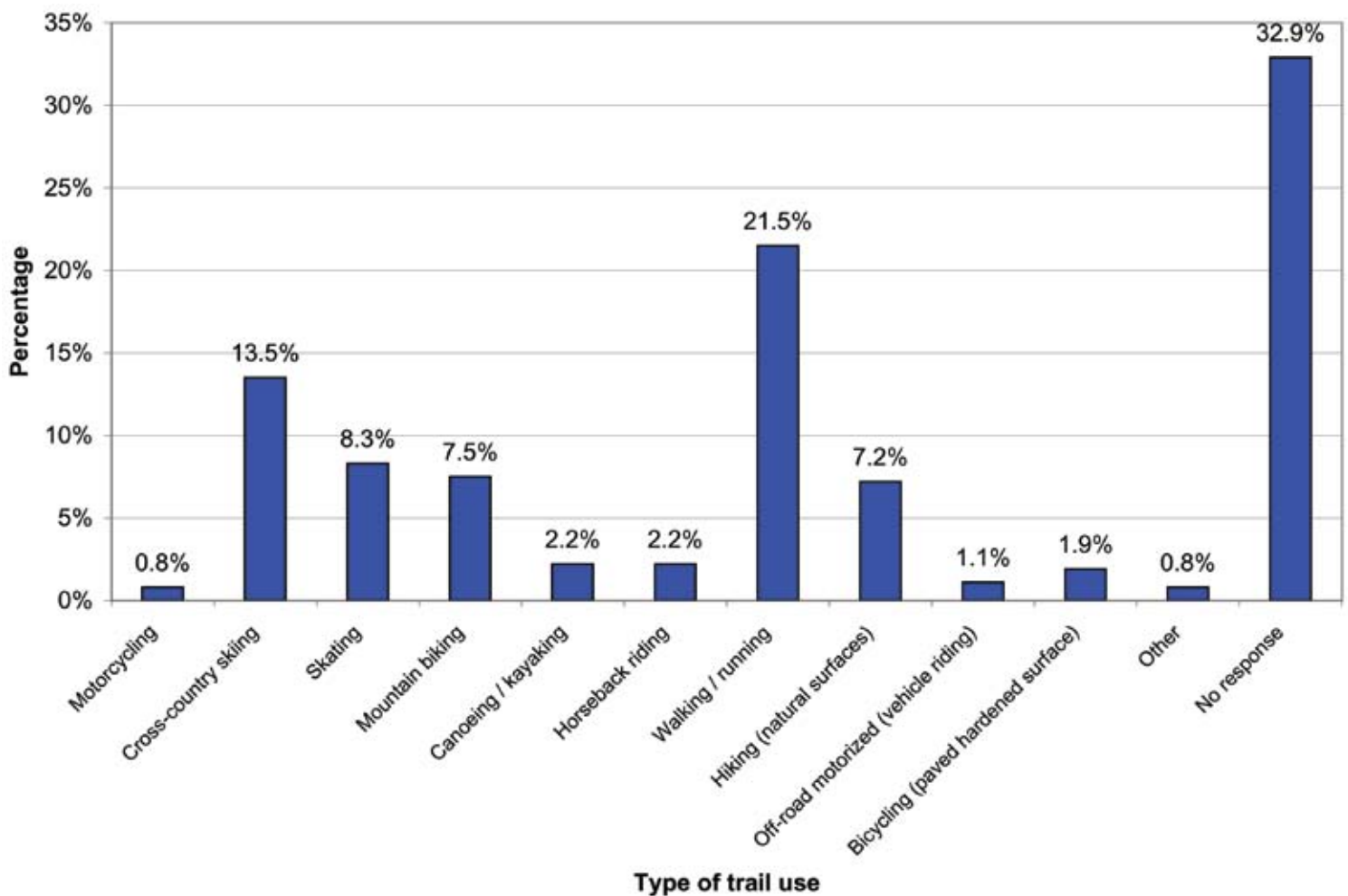
County Name	Hiking Trails	Equestrian Trails	Bicycle Trails	Mountain Bike Trails	Wheelchair Accessible Trails	Nordic Ski Trails	Water Trails	Snowmobile Trails	Total for all Trails in County
	# of Trails / # of Trail Miles								
Morgan	1/2.5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/2.5
Newton	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Noble	11/14.2	0/0	0/0	2/3.1	1/2.2	3/4.1	0/0	0/0	11/14.2
Ohio	1/0.8	0/0	1/0.8	0/0	1/0.8	0/0	0/0	0/0	1/0.8
Orange	10/57.1	4/44.95	1/8.1	4/44.95	1/8.1	1/8.1	1/9.0	0/0	11/66.1
Owen	14/29.3	3/10.2	0/0	1/7.0	1/0.6	2/2.0	0/0	0/0	15/31.3
Parke	18/43.1	1/20.2	1/20.2	0/0	1/20.2	1/20.2	2/10.4	0/0	20/53.5
Perry	9/77.8	3/44.8	0/0	4/50.7	0/0	0/0	0/0	0/0	10/79.0
Pike	4/9.2	3/7.7	1/1.5	0/0	1/1.5	0/0	0/0	0/0	4/9.2
Porter	27/71.2	1/6.4	4/14.7	2/9.6	4/14.7	10/31.0	0/0	0/0	27/71.2
Posey	8/20.8	1/1.5	2/15.8	0/0	1/12.3	0/0	0/0	0/0	10/25.8
Pulaski	14/37.9	6/14.5	0/0	0/0	0/0	4/8.3	0/0	0/0	14/37.9
Putnam	14/45.45	1/18.0	11/40.4	1/3.5	13/44.65	3/23.4	0/0	0/0	15/45.95
Randolph	2/4.0	0/0	2/4.0	0/0	2/4.0	2/4.0	0/0	0/0	2/4.0
Ripley	9/25.7	5/17.9	0/0	0/0	0/0	0/0	0/0	0/0	9/25.7
Rush	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
St. Joseph	18/31.3	3/8.4	11/23.9	1/0.6	10/20.6	8/13.3	0/0	1/73.0	22/112.5
Scott	9/34.75	1/23.8	6/17.75	0/0	6/17.75	0/0	0/0	0/0	10/58.55
Shelby	3/2.4	0/0	3/2.4	0/0	3/2.4	0/0	0/0	0/0	3/2.4
Spencer	11/16.7	0/0	1/1.5	0/0	0/0	0/0	0/0	0/0	12/18.2
Starke	1/12.5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/12.5
Steuben	17/29.25	0/0	5/15.7	1/2.1	5/15.7	9/12.9	0/0	1/23.0	18/52.25
Sullivan	7/18.4	5/14.9	0/0	0/0	0/0	0/0	0/0	0/0	7/18.4
Switzerland	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Tippecanoe	17/34.9	0/0	14/22.9	0/0	10/18.35	3/13.3	1/23.1	0/0	18/58.0
Tipton	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Union	9/21.25	1/9.0	1/0.0	0	1/0.0	0/0	0/0	0/0	9/21.25
Vanderburgh	9/38.9	0/0	9/38.9	0/0	9/38.9	0/0	0/0	0/0	9/38.9
Vermillion	2/3.2	0/0	2/3.2	0/0	2/3.2	0/0	0/0	0/0	2/3.2
Vigo	3/11.8	0/0	3/11.8	0/0	3/11.8	0/0	0/0	0/0	3/11.8
Wabash	11/41.8	4/39.4	5/9.75	0/0	6/10.5	2/3.7	0/0	2/14.6	12/53.6
Warren	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Warrick	2/5.25	0/0	2/5.25	0/0	2/5.25	0/0	0/0	0/0	2/5.25
Washington	5/69.8	1/12.7	2/17.2	0/0	2/17.2	0/0	1/3.3	0/0	7/85.8
Wayne	7/27.3	1/8.4	3/21.5	0/0	3/21.5	3.21.5	0/0	0/0	7/27.3
Wells	9/18.0	0/0	3/5.0	0/0	3/5.0	5/13.0	0/0	0/0	9/18.0
White	2/6.2	0/0	1/5.2	0/0	1/5.2	0/0	0/0	0/0	2/6.2
Whitley	2/3.0	0/0	1/2.0	0/0	1/2.0	1/2.0	0/0	0/0	2/3.0

This inventory includes trails that are considered multi-use trails and inventoried as of January 2006. In addition to tracking mileage for individual trails, mileage is tracked for individual uses; therefore, the summed totals for the individual uses does not equal the total miles available for a given county.

Total trail mileage in Indiana (built, proposed and visionary)

Trail miles open to the public	2074
Trail miles proposed to be built (other than visionary trails)	934
Trail miles currently being developed	136
Visionary trail miles (Does not include Wabash River or the Knobstone Trail)	1002
Total trail opportunity miles in Indiana	4146

What is the type of trail use your system provides?








Indiana trails inventory
Trails open to the public (May, 2006)

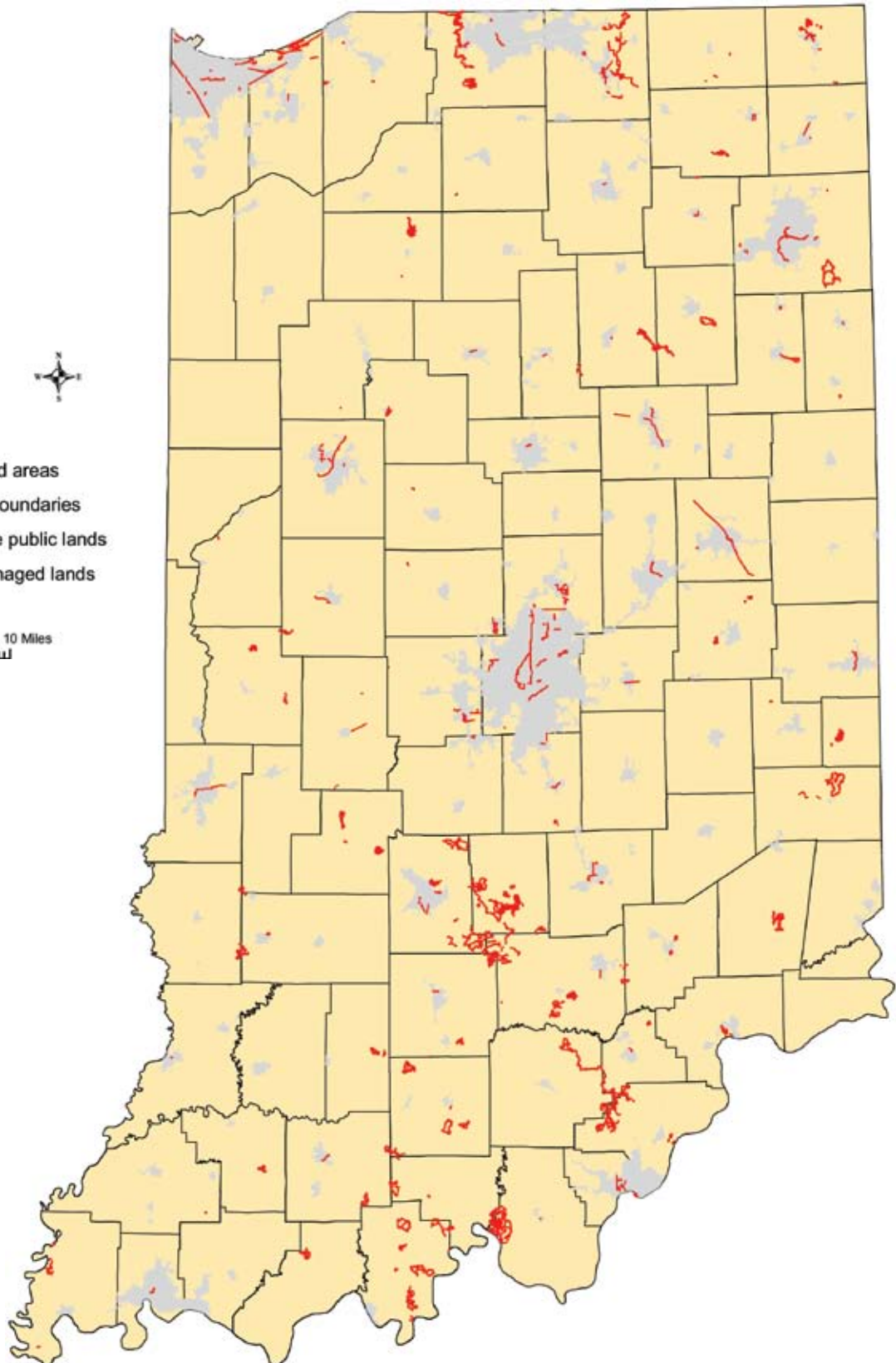
Legend

Trail Status

-  Open
-  Urbanized areas
-  County Boundaries
-  Non-state public lands
-  DNR managed lands



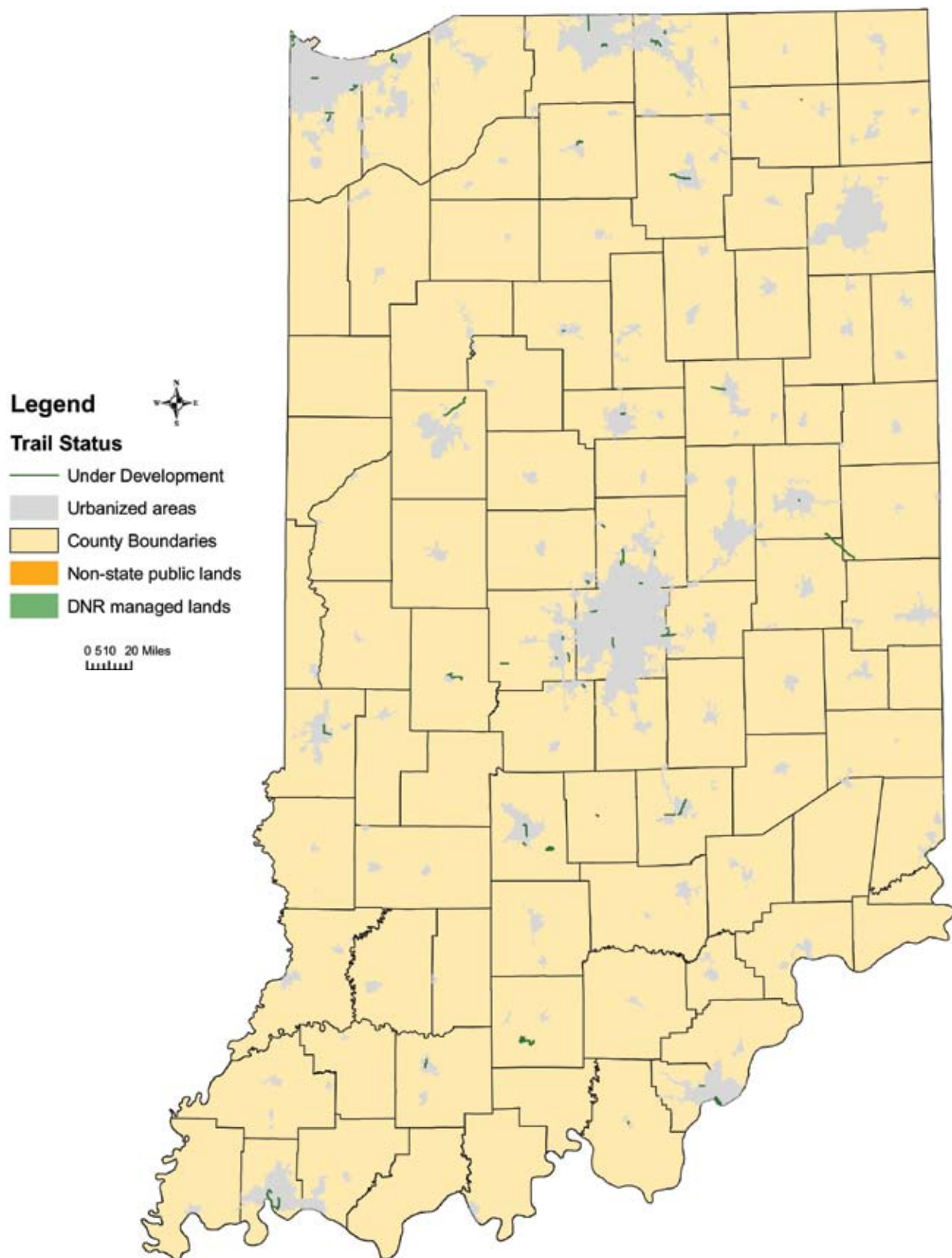
0 2.5 5 10 Miles






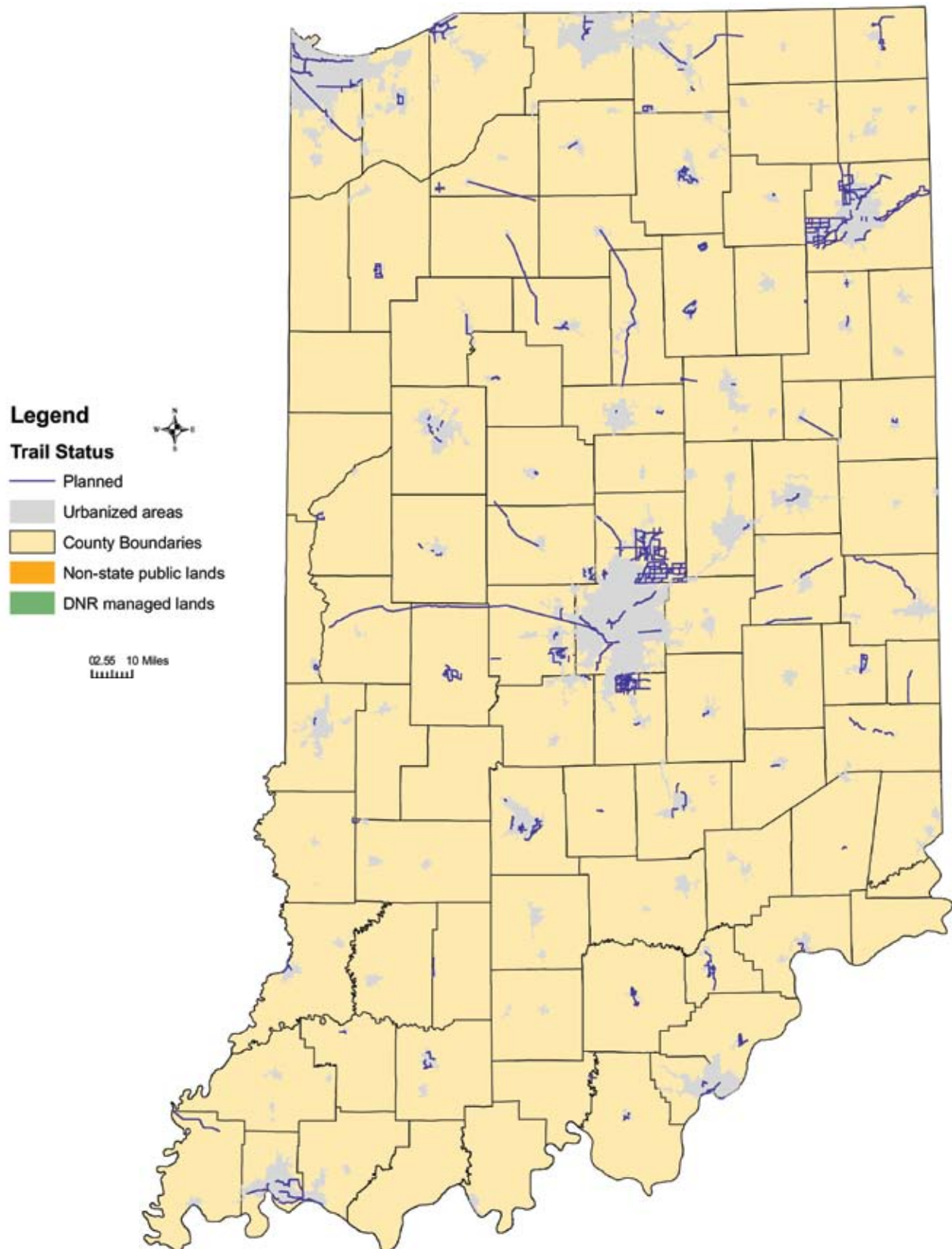
SUPPLY AND DEMAND FOR TRAILS

Indiana trails inventory
Trails under development (May, 2006)





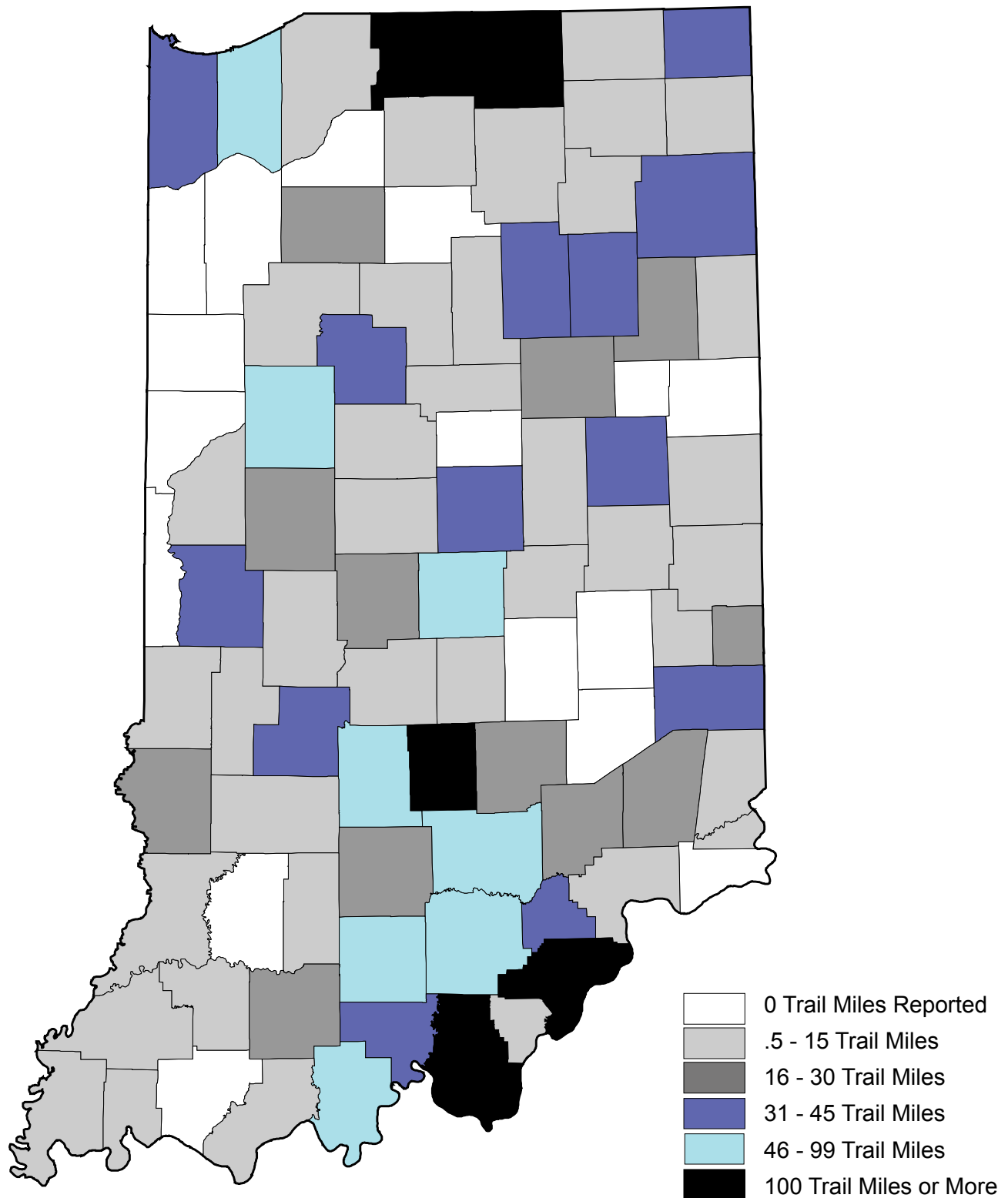
**Indiana trails inventory
Planned trails (May, 2006)**



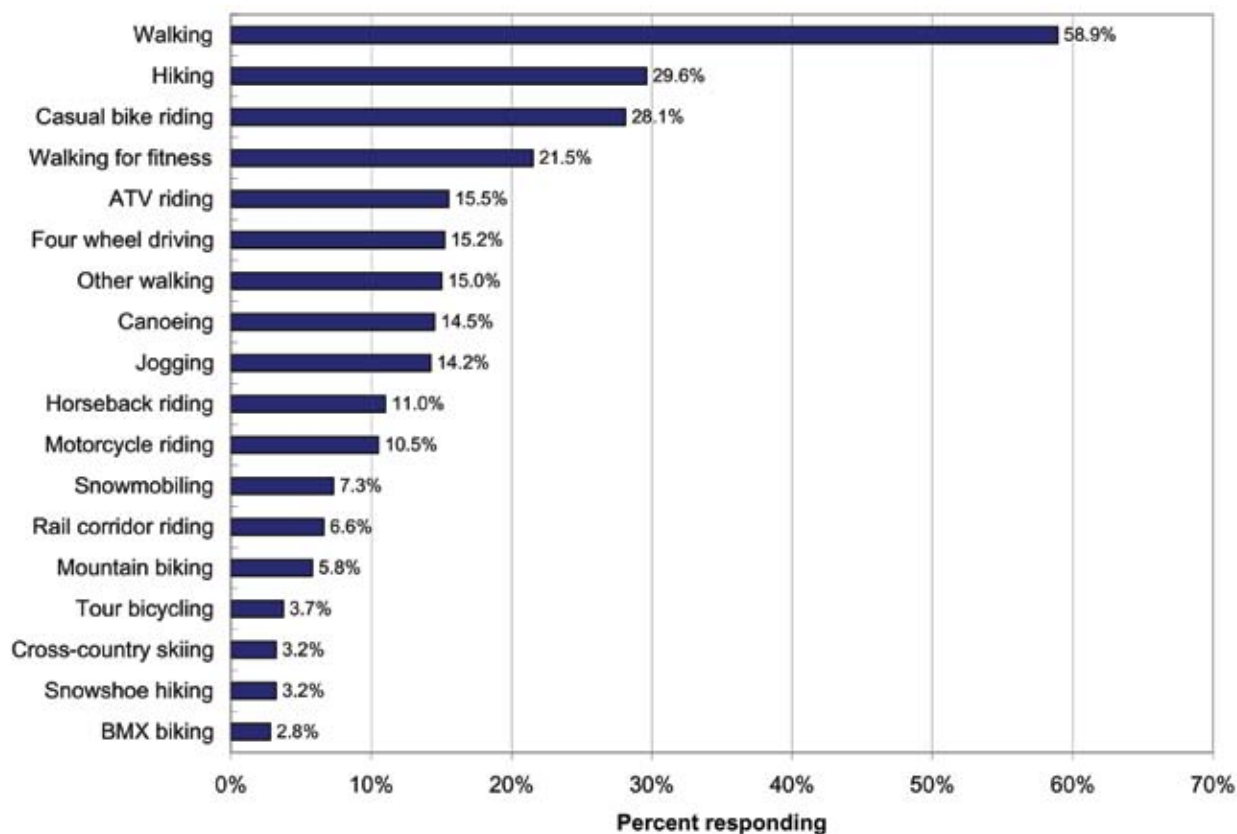


SUPPLY AND DEMAND FOR TRAILS

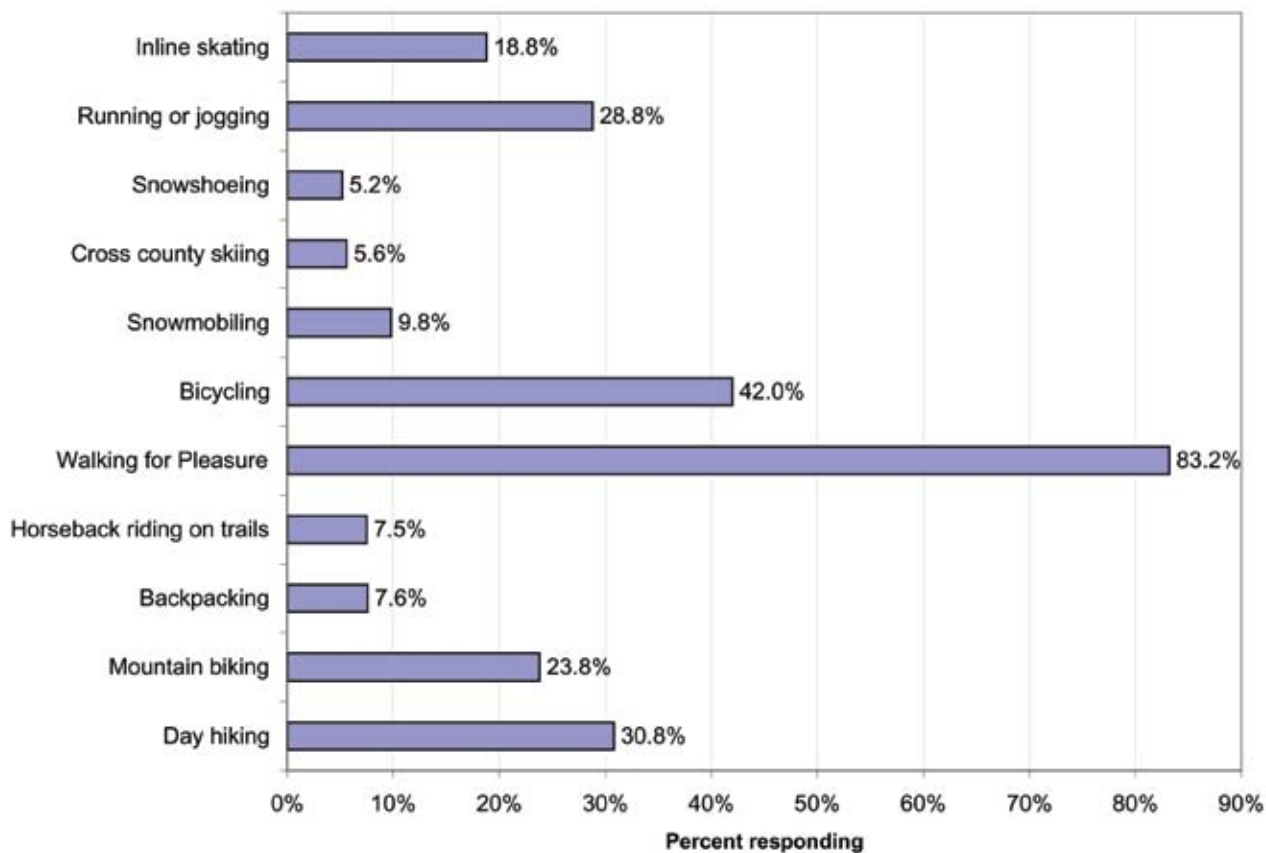
Total number of trail miles by county



Inventory of trails in Indiana (as reported by responding agencies in December 2005).

**Regular participation in trail related activities as reported by Indiana residents in 2004**

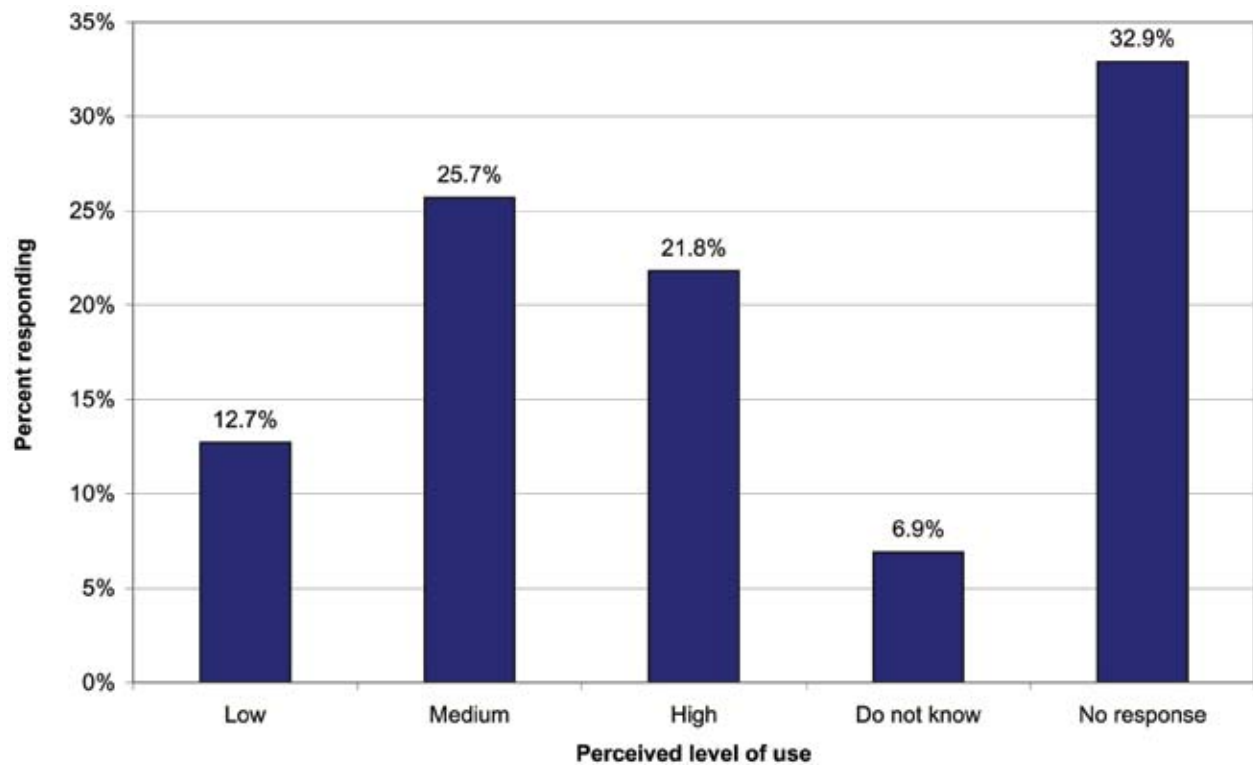
Midwest market trail related participation.
(Includes Indiana, Illinois, Kentucky, Michigan, Ohio and Wisconsin)



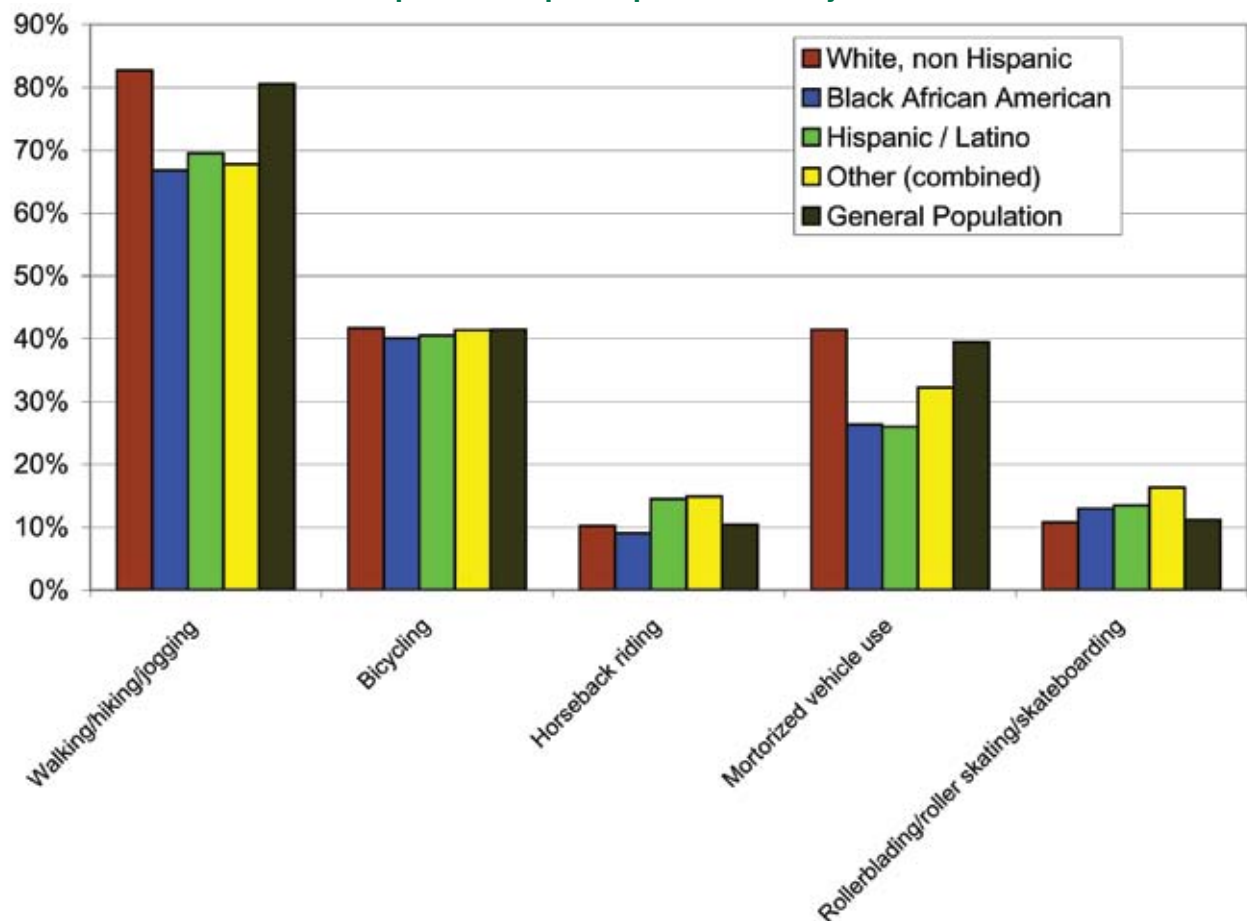


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What is your perceived rate of trail use?

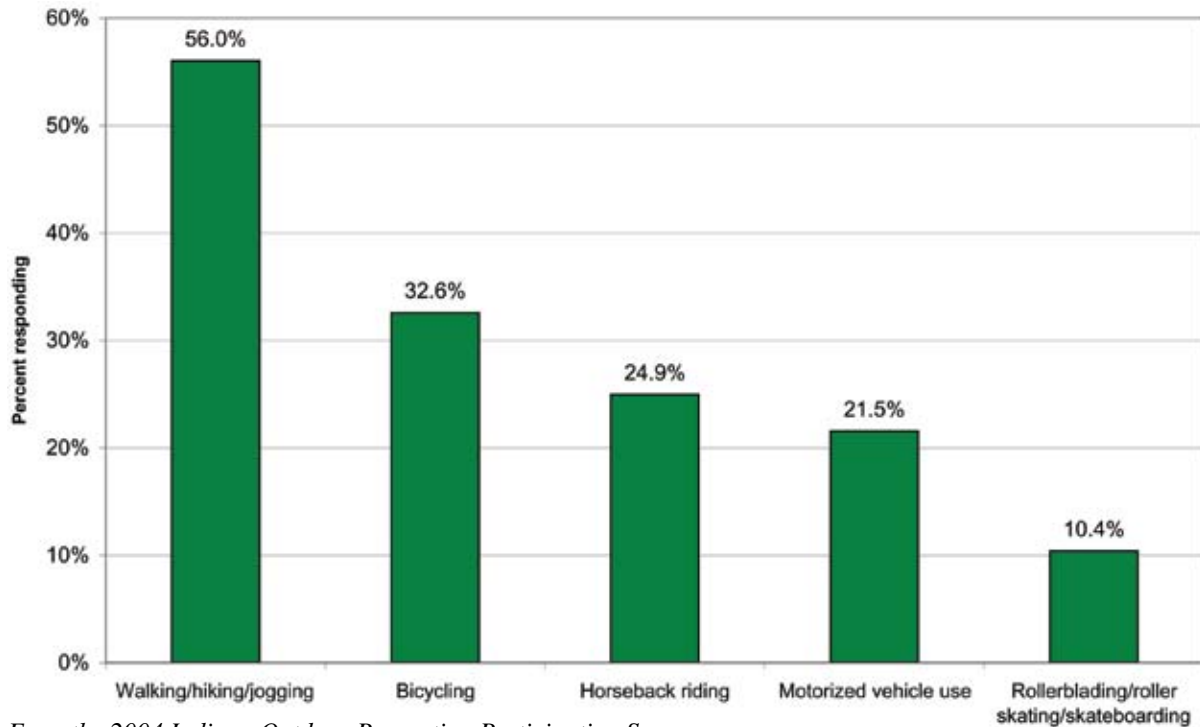


Comparison of participation rates by race



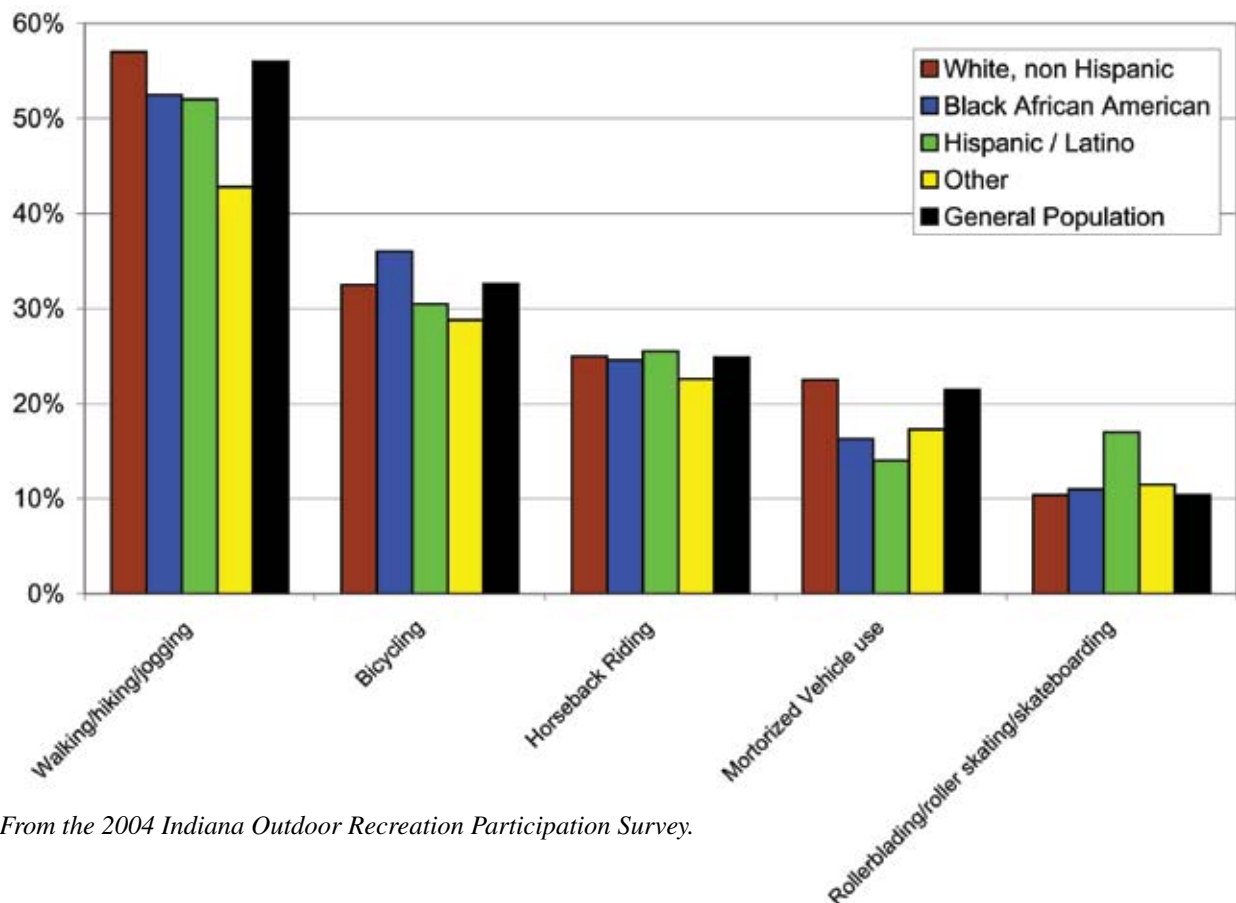


Please pick which outdoor recreation activities you would be MOST likely to participate in if adequate facilities were available (multiple responses).



From the 2004 Indiana Outdoor Recreation Participation Survey.

Please pick which outdoor recreation activities you would be MOST likely to participate in if adequate facilities were available (multiple responses).



From the 2004 Indiana Outdoor Recreation Participation Survey.



SUPPLY AND DEMAND FOR TRAILS



length. This inventory also tracks the federal and state dollars that have funded individual segments of trails.

All trails inventoried have been identified through some type of local planning effort. These trails can be found in local plans or have been submitted as potential grant projects. Currently, trails identified through regional metropolitan planning charrettes and corridors that have not progressed beyond the broad concept stage are not included. There are plans to add additional categories in the inventory to include these trails.

INDIANA TRAILS USER STUDY

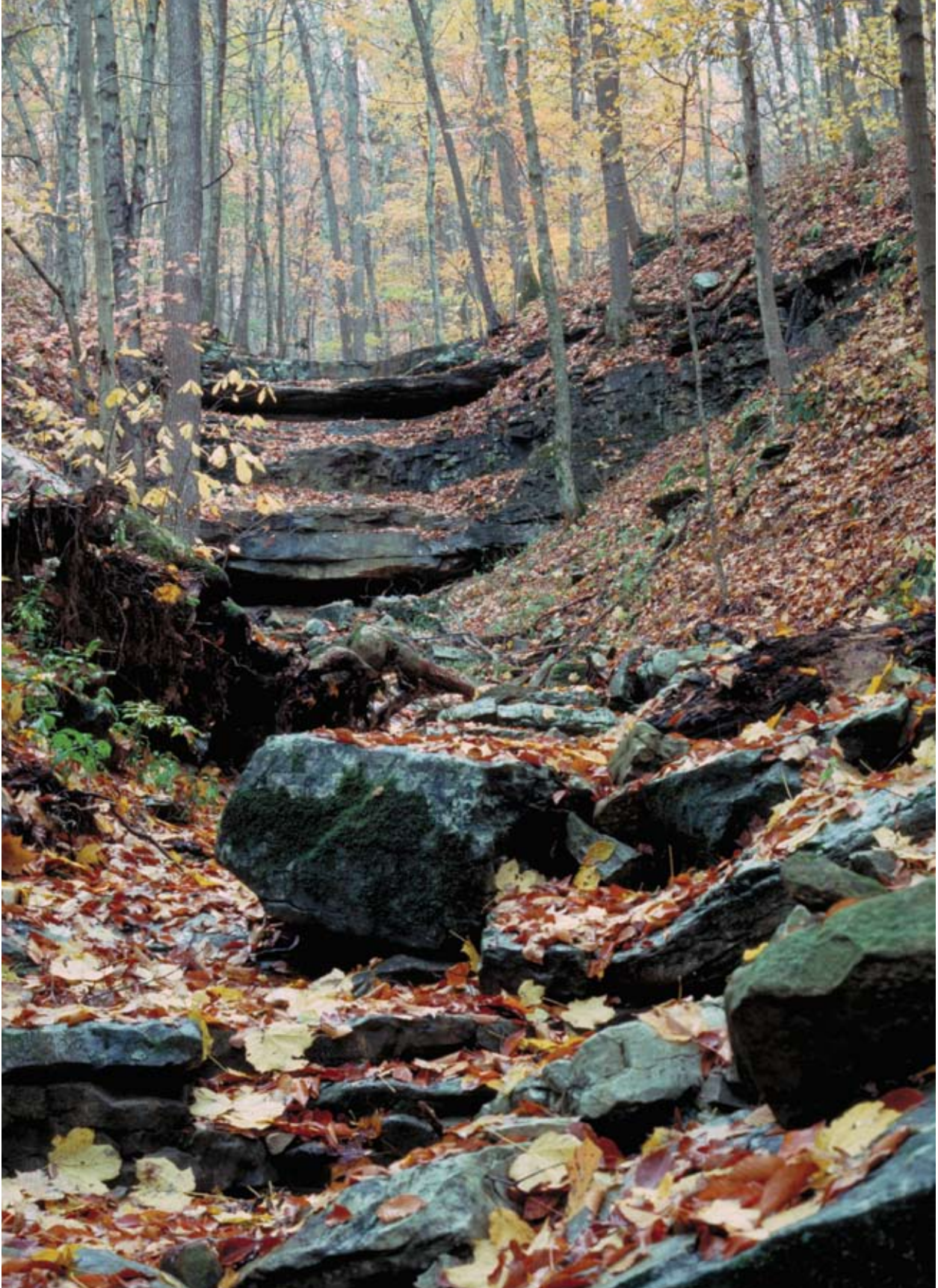
The Indiana Department of Natural Resources has conducted a trails user study every 5 years since 1993. This survey is conducted using touch screen technology and samples a cross section of Hoosiers throughout the state. This survey collects standard demographic information and asks residents about their use of trails and their attitudes regarding issues surrounding trail use in Indiana.

Some major findings include:

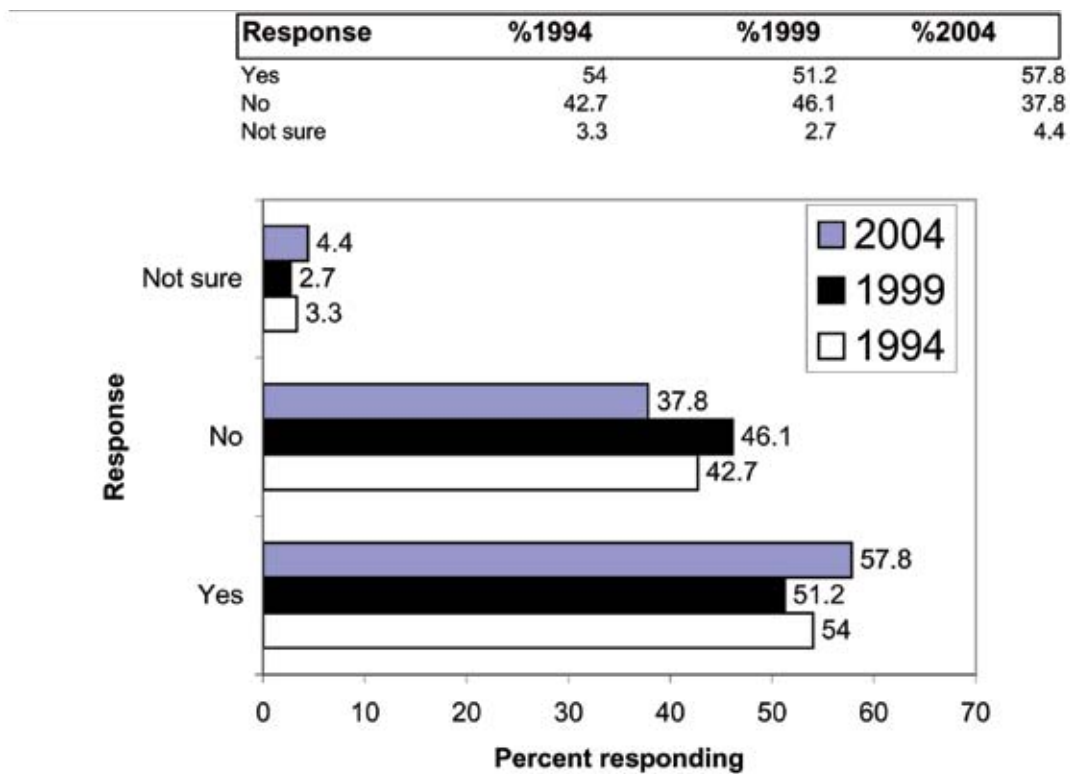
- The number of people who have used a designated trail has slightly increased through time.
- The use of trails for walking, running, hiking and bicycling is increasing while using trails for horseback riding and mountain biking is decreasing.
- The amount of money individuals spend annually on equipment for their chosen trail activity has remained

fairly constant with the majority spending less than \$300.00.

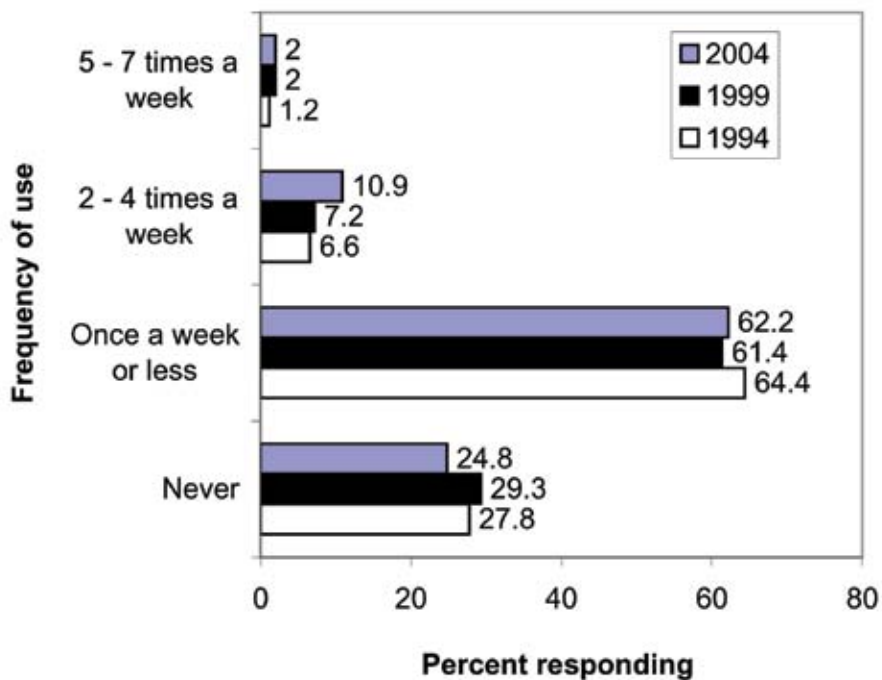
- 43% of those who used a designated trail spent more than \$31.00 on their most recent day trip on a trail in 2004.
- The regular use of designated trails appears not to be pervasive yet with 62% reporting that they used a trail less than once a week and 25% reporting they have never used a designated trail.
- Pleasure and relaxation are still by far most often selected as the reasons for using a trail (82% in 2004) while using trails for health and fitness is increasing slightly (53% in 2004).
- The top three reasons stated for not using trails more often were lack of time, trails located too far away and lack of knowledge of where trails are located.
- 37% of the people polled indicated they would be willing to pay a fee to use designated trails if the money was spent on management and upkeep of trails in their local area.
- Of the issues presented, respondents placed the highest importance on developing trails close to home, publishing trail map guides, and linking together existing trails.
- Preference for using general taxes to support trails appears to have increased since 1993 while preference for using other sources of funding appears to be decreasing or unchanged.



In the past twelve months have you used a designated recreational trail?

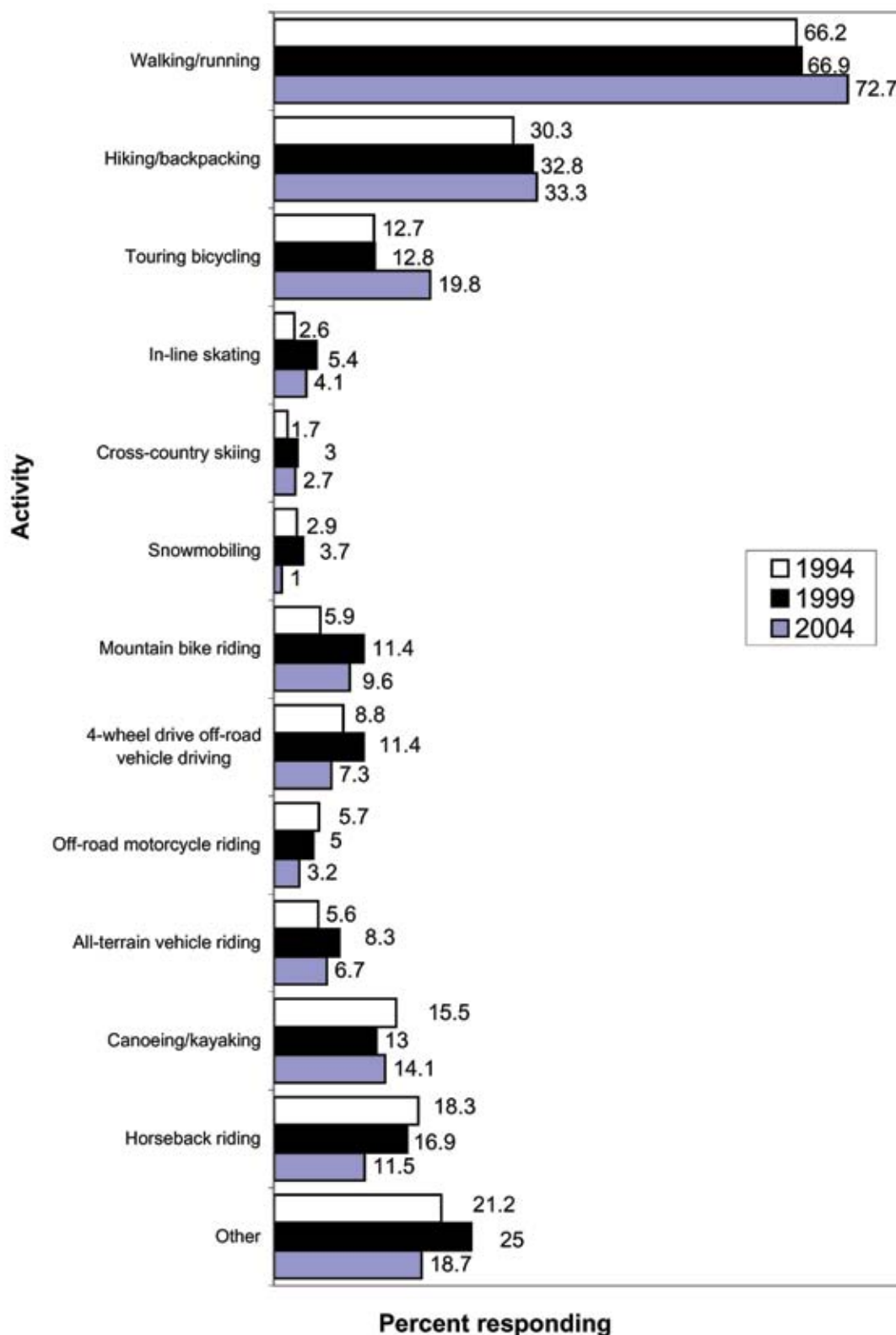


How often do you use designated recreational trails?

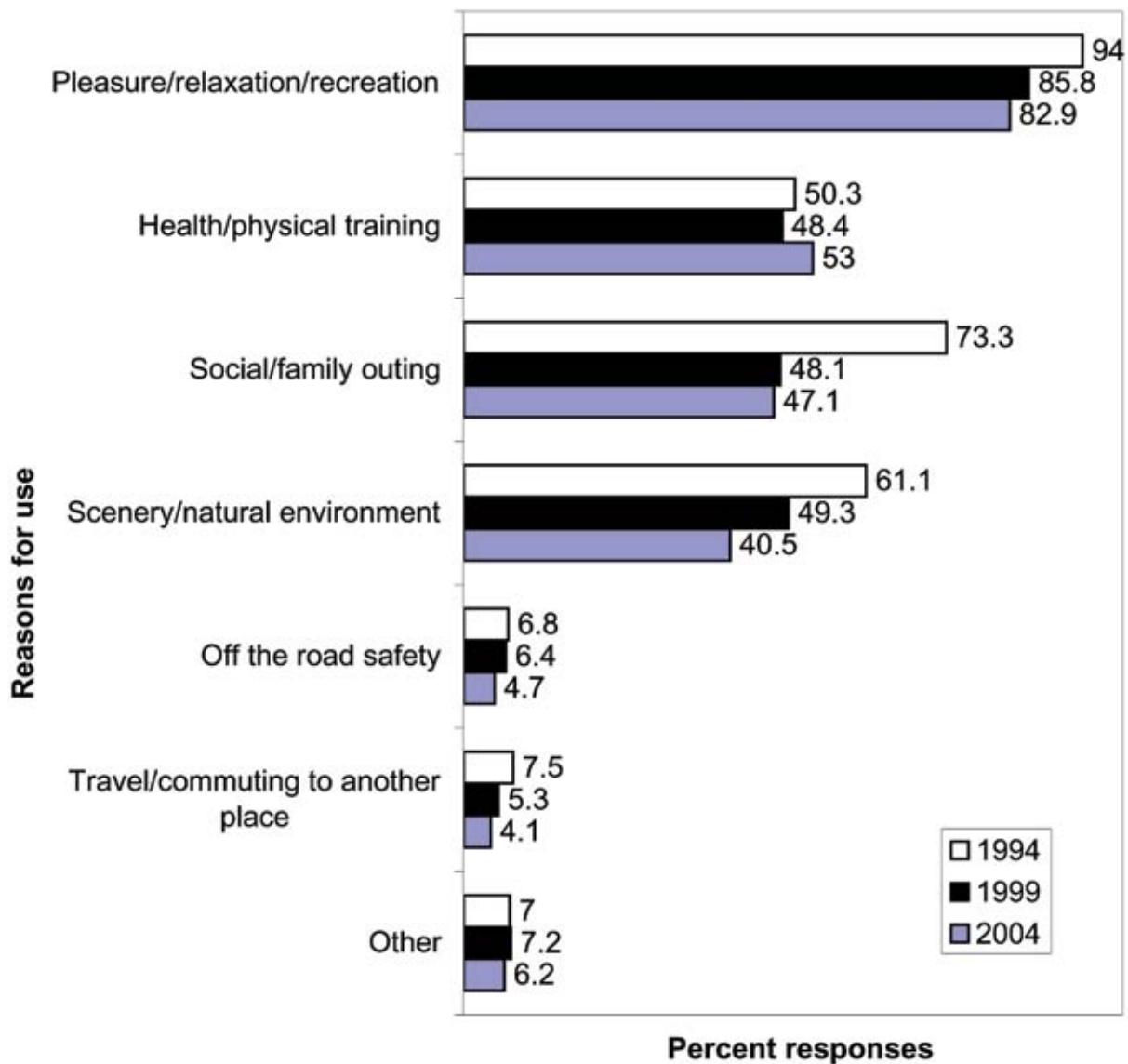




**What trail activities do you participate in the majority of the time?
(multiple responses allowed)**

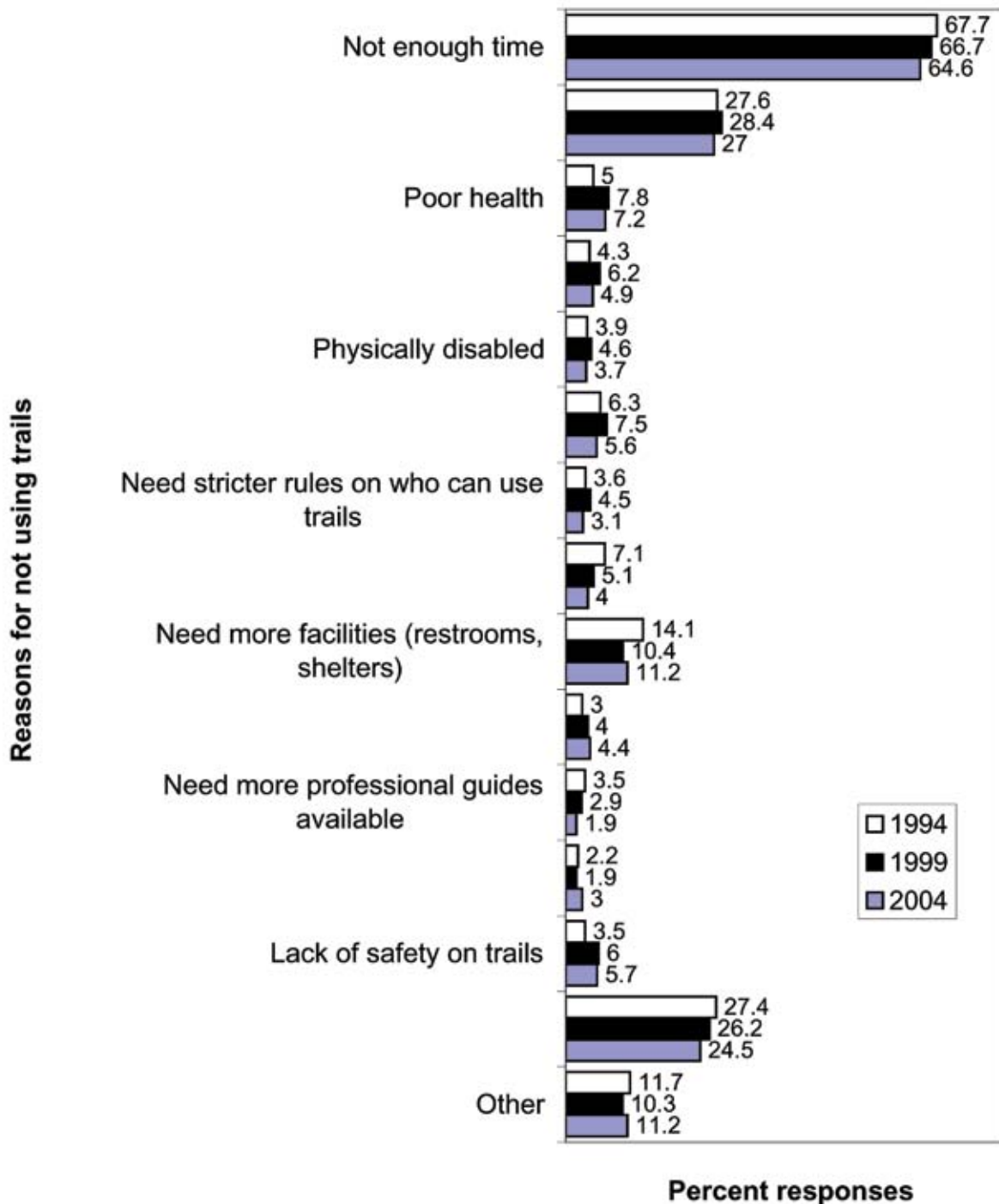


What are your reasons for using these trails?
 (Not asked of those who never use trails; multiple responses allowed)





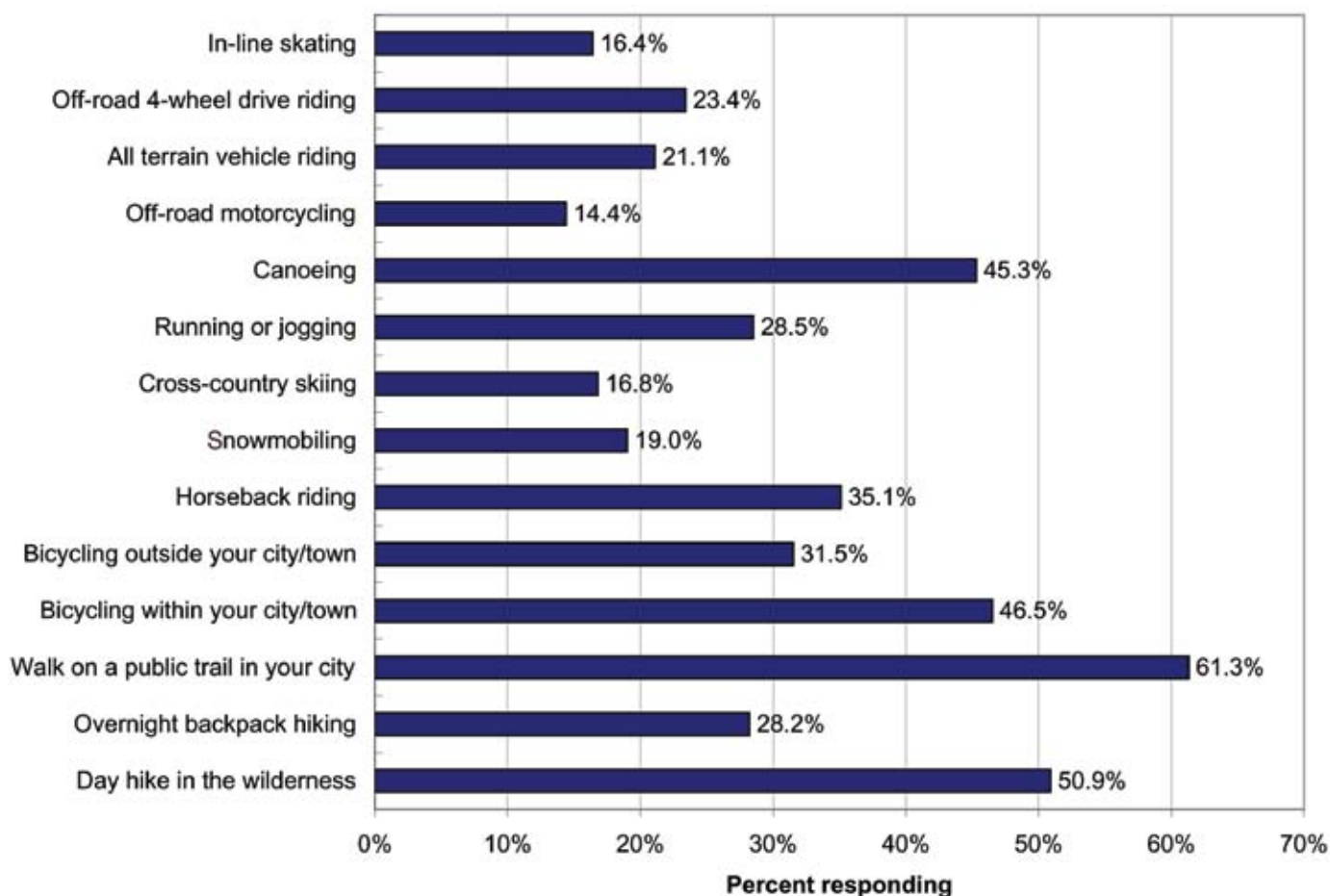
What are the primary reasons you don't use recreational trails more often?
(Only asked of those who use trails once a week or less; multiple responses allowed)



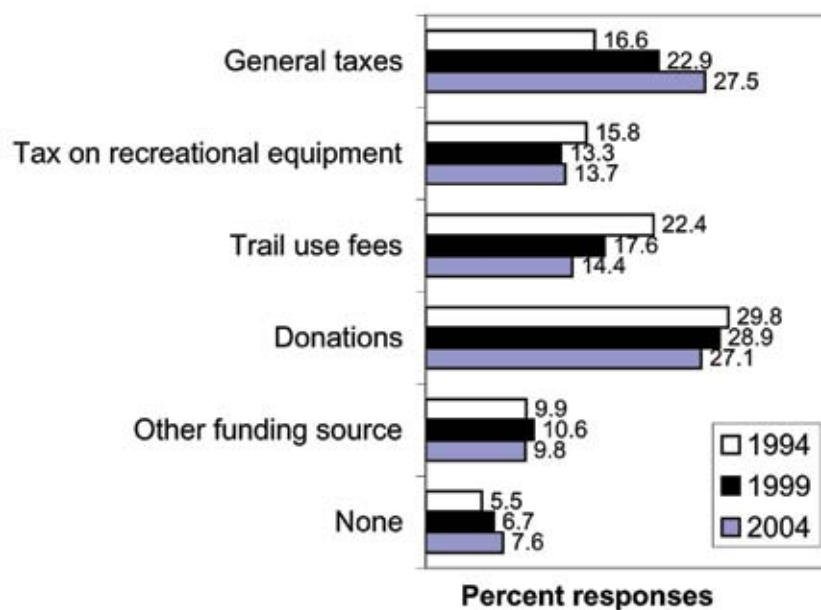


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Please select your level of interest in participating in the following activities. Combined responses for “very interested” and “somewhat interested” in participating in the following activities (2004 responses only).

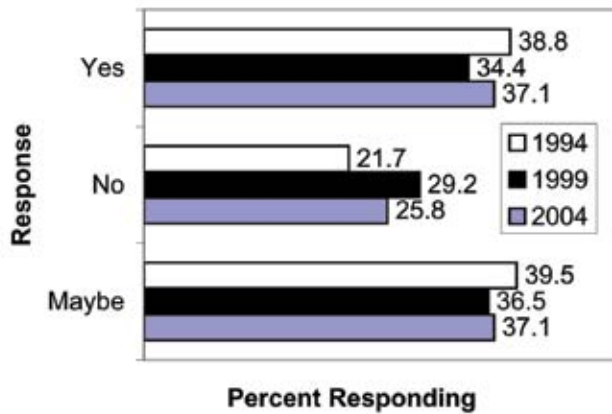


Of the following, which do you feel should be the primary source of funding for the development of recreational trails?

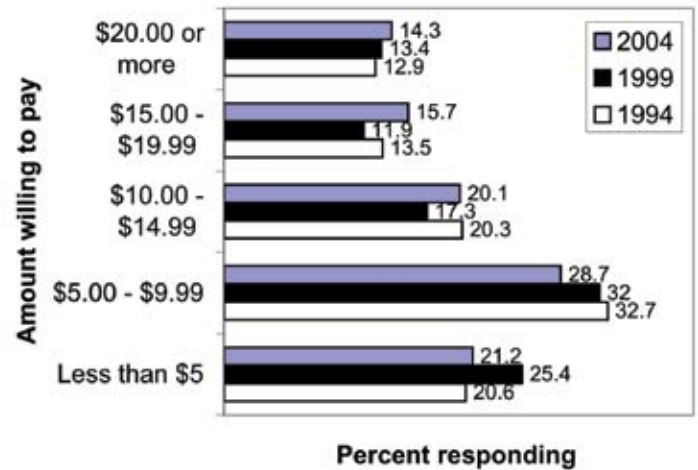




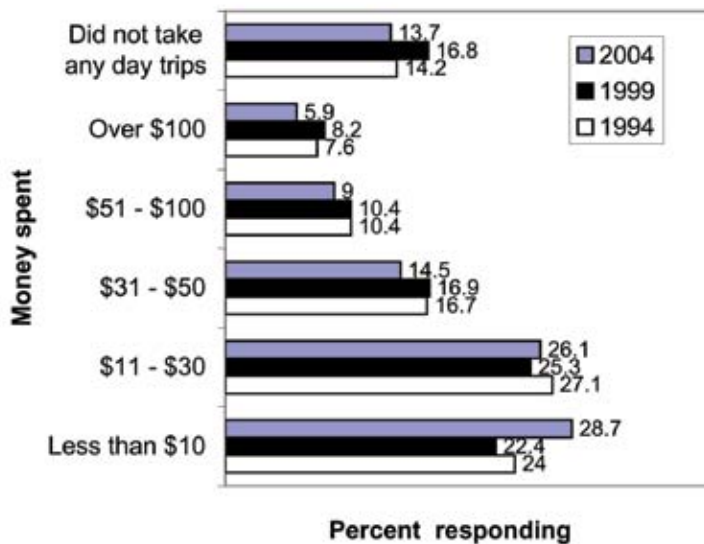
If the money was spent in your local area for trail upkeep and new trail development, would you be willing to pay an annual fee to use designated recreational trails?



How much would you be willing to pay for this annual trail fee? (only asked those willing to pay an annual fee)



What is the best estimate of how much money you spent on your last ONE DAY recreational trip that involved the use of trails? (include transportation, meals, etc.)



On your last EXTENDED (two or more days) recreational trip that involved the use of trails, approximately how much money would you say you spent PER DAY?

